Index of Claims

Application/Control No.

Applicant(s)/Patent under Reexamination

10/807,925

Examiner

Mike Chambers

3711

| √ | Rejected | _ | (Through numeral)<br>Cancelled | J | Non-Elected  |   | A | Appeal   |
|---|----------|---|--------------------------------|---|--------------|---|---|----------|
| = | Allowed  | + | Restricted                     | ו | Interference | - | 0 | Objected |

| Cli          | aim      | Date         |                |   |                |              |         |         |         | ۱       | Claim       |                           |          | Date     |                  |          |          |          |         |         | Cli             | aim  |       |          |          | Dat     | е       |              |                 |                 |          |          |
|--------------|----------|--------------|----------------|---|----------------|--------------|---------|---------|---------|---------|-------------|---------------------------|----------|----------|------------------|----------|----------|----------|---------|---------|-----------------|------|-------|----------|----------|---------|---------|--------------|-----------------|-----------------|----------|----------|
|              | _        | Ι.,          |                |   |                | Т            | Т       | Т       |         | Т       |             |                           | Τ-       |          |                  |          |          |          |         |         |                 |      |       | 16       |          |         |         |              |                 |                 | Ī        |          |
| Final        | Original | 9/11/05      |                |   |                |              | 1       |         |         | 1       |             | Final                     | Original |          |                  |          |          |          |         | -       |                 | :::  | Final | Original |          |         |         | 1            |                 |                 |          | İ        |
| ﻧ਼ੋ⊏         | 뜻        | ٳڿؘٳ         |                |   |                |              |         |         |         | 1       |             | i                         | <u> </u> | ' l      |                  |          |          |          | - 1     |         |                 |      | ίĒ    | įĘ       |          | ı       |         |              |                 |                 | ı        |          |
|              | '        | "            |                |   |                |              |         | 1       |         |         |             | :                         | ٦        |          |                  |          |          |          |         |         |                 |      |       | )        |          |         |         |              |                 |                 |          |          |
|              | 1        | 1            |                |   |                | Т            |         | Т       | $\top$  | $\perp$ |             |                           | 5′       |          |                  |          |          |          |         |         |                 |      |       | 101      |          |         |         |              |                 |                 |          |          |
|              | 2        | 1            |                |   | Г              |              | Т       | Τ.      | Т       | $\top$  | ]:::        |                           | 52       |          |                  |          |          |          |         |         |                 |      |       | 102      |          | Т       |         |              |                 |                 |          |          |
|              | 3        | 1            |                |   |                | $\mathbf{I}$ |         | L       |         |         | ]:::        |                           | 53       |          |                  |          |          |          |         |         |                 |      |       | 103      |          |         |         |              |                 |                 |          |          |
|              | 4        | 1            |                |   |                |              | $\perp$ |         |         |         |             |                           | 54       |          |                  |          |          |          | ┸       |         |                 |      |       | 104      |          |         |         |              |                 | Ш               | _        | _        |
|              | 5        | 1            |                |   |                |              |         |         |         |         | ]::         |                           | 55       |          |                  |          | _        |          |         |         |                 |      |       | 105      |          | $\perp$ |         |              |                 |                 |          |          |
| L            | 6        | 1            | Ш              |   | L              | $\perp$      |         | L       | $\perp$ | $\perp$ | ⊥∷          | L                         | 56       | <u> </u> |                  | _        | _        |          | Ц.      |         | Ш               | :::: |       | 106      | $\perp$  | $\perp$ | ┸       |              | Ш               | Щ               | _        | _        |
|              | 7        | 1            | $oxed{oxed}$   |   |                |              | $\perp$ |         |         |         | ∐∷          | L                         | 57       |          |                  | _        |          |          |         |         | Ш               |      |       | 107      | $\perp$  | 丄       | $\perp$ |              | Щ               | Ш               |          |          |
| <u></u>      | 8        | 1            |                |   |                |              |         | ┸       |         |         | _ା∷         | <u> </u>                  | 58       | 3        |                  |          |          |          |         |         | Ш               |      |       | 108      |          | $\perp$ |         | <u>L</u>     | Щ               |                 | $\perp$  | _        |
|              | 9        | 1            | $\Box$         |   | L              | $\perp$      |         | $\perp$ |         | $\perp$ | _ե∷         | L                         | 59       |          | Ш                | _        |          |          | _ _     |         | Ш               |      |       | 109      |          |         | 丄       | <u> </u>     |                 |                 |          |          |
|              | 10       | 1            | Ш              |   | <u> </u>       | $\downarrow$ |         | _       | _       | 丄       | _ :::       | <u>L</u>                  | 60       |          |                  | _        |          |          | _       |         | Ш               |      |       | 110      | $\perp$  |         | $\perp$ | L            | Ш               | Ш               | _        | _        |
|              | 11       | 1            | Щ              |   | L              | L            | 1       | 4       |         | _ _     | - ∷         | L                         | 6        |          | $\sqcup$         | _        | _        |          | $\perp$ | _       | Ш               | :::: |       | 111      | $\perp$  | 4       | $\perp$ | <u> </u>     | Ш               | Щ               | $\dashv$ | _        |
|              | 12       | 1            | Ш              |   | L              | $\perp$      | 1       | 1       | _ _     | $\perp$ | _ ::        | <u></u>                   | 62       |          | Ш                |          |          | $\perp$  |         |         | Ш               |      |       | 112      | $\perp$  | $\perp$ | $\perp$ | $oxed{oxed}$ |                 |                 |          | _        |
|              | 13       | V            | Ш              |   | _              | Ļ            | 1_      | 1       | _ _     | _ _     | _ ∷         | <u> </u>                  | 63       |          | Ш                | $\dashv$ |          |          |         | _ _     | Ш               |      |       | 113      |          | 4       | 1       | _            | Ш               | $\sqcup$        | _        | _        |
| L            | 14       | 1            | Ш              |   |                | 퇶            |         | $\perp$ | _       | $\perp$ | _           | <u></u>                   | 64       |          | $\sqcup$         |          | _        | _        | 4       |         | Ш               |      |       | 114      | $\perp$  | 4       | 4       | _            |                 | Ш               | $\dashv$ | _        |
|              | 15       | 匚            | Ш              |   | _              | ┸            | 1       | ┸       |         | $\bot$  | _ା∷         | <u> </u>                  | 65       |          | Ш                |          | _        |          | 1       | _       | Ш               |      |       | 115      | _        | 1       | ┸       | _            | Ш               |                 | _        | _        |
|              | 16       | _            | Щ              |   |                | 1            | 1       | 1       | 4       | $\bot$  | <b>⊥</b> ∷: | <u>L</u>                  | 66       | <u> </u> | $\sqcup$         | _        | _        | _        | _       | _       | Ш               | :::  |       | 116      | _        | $\perp$ | 1       | _            |                 |                 | 4        | _        |
|              | 17       | _            | Ш              |   | <u> </u>       | 1            | ╀       | $\perp$ | $\bot$  | $\perp$ | 48          | L                         | 67       |          | $\sqcup$         | _        | _        | _        | 4       | _       | Ш               |      |       | 117      | _        | 7       | 1_      | ↓_           | Щ               | Щ               | _        | _        |
|              | 18       | L            |                |   | <u> </u>       | 4_           | 1       | 4       | 4       | 4_      | 4::         | <u> </u>                  | 68       |          | Ш                |          | _        | _        | 4       |         | Ш               |      |       | 118      |          | 4       | ↓_      | <u> </u>     |                 | $\sqcup$        | _        | _        |
|              | 19       | ㄴ            | Ш              |   | L              | ↓_           | 1       | ╀       | 4       | ┷       | - ∷         | <u> </u>                  | 69       |          | $\sqcup$         | _        | _        | _        | 4       |         | Ш               |      |       | 119      | _        | 4       | 1       | <u> </u>     |                 |                 | 4        | _        |
|              | 20       | _            |                | _ | <u> </u>       | 1            | 1       | 4       | _       | 4       | 40          |                           | 70       |          | Ш                | _        | _        | _        | 4       |         |                 |      |       | 120      | _        |         | 1       | <u> </u>     | _               |                 | _        | _        |
|              | 21       | <u> </u>     | Ш              |   | ╙              | ╄            | ╄       | ╀       | $\bot$  | $\bot$  | - ∷         | _                         | 71       |          | $\sqcup$         | _        | _        | —⊢       | 4       |         | Ш               |      |       | 121      | $\perp$  | ┸       | ╄       | ╄            | Ш               | $\Box$          | _        | _        |
| <u> </u>     | 22       | <u> </u>     |                | _ | ┖              | ┸            | 4       | 4       | 4       | 4       | 4           | $ldsymbol{ldsymbol{eta}}$ | 72       |          | 1                |          | _        |          | 4       |         | Ш               |      |       | 122      | _        | ┸       | ļ       | ↓            |                 |                 | 4        | _        |
| <u> </u>     | 23       | <u> </u>     |                |   | -              | ╁            | _       | 4       | - -     | +       | 4:::        | _                         | 73       |          | H                | _        |          |          | _       | $\perp$ | Ц               |      |       | 123      | _        | $\perp$ | _       | _            | Ш               |                 |          |          |
| <u> </u>     | 24       | <u> </u>     | Ш              |   |                | $\bot$       | $\perp$ | $\bot$  | $\bot$  | $\bot$  | 4:::        | <u> </u>                  | 74       |          | $\sqcup$         | _        | _        |          | $\perp$ | $\perp$ | Ш               |      |       | 124      |          | 4       | ╀-      | ↓            |                 | $\Box$          | _        | _        |
| ├            | 25       | <u> </u>     | Ш              |   | L              | +            | $\bot$  | +       | $\perp$ | $\bot$  | 4 ::        | <u> </u>                  | 75       |          |                  | _        |          | _        | -       | -       | Щ               |      |       | 125      |          | +       | ╀       | ــــ         |                 |                 | _        | _        |
| <u> </u>     | 26       | _            | _              | _ | <del> </del> _ | +            | +       | -       | +       | 4       | 4:::        | <u> </u>                  | 76       |          | ┈                | -        |          | -        | -       | -       | Ш               |      |       | 126      |          | +       | ╀       | ₩            | -               |                 | 4        | _        |
| <u> </u>     | 27       | _            | Н              |   | L              | ╂            | +-      | +       | - -     | - -     | 40          | <u> </u>                  | 77       |          | $\vdash$         | _        | -        | -        | +       | $\perp$ | Ш               |      |       | 127      | $\dashv$ | +       | ╀       | ╀            | Н               | $\dashv$        | +        |          |
| <u> </u>     | 28       |              | Н              | _ | Ͱ              | +            | +-      | +       | +       | +       | -1:::       | <u> </u>                  | 78       |          | ┦                | _        | -        |          | -       | -       | Н               |      |       | 128      | -        | +       | ╀       | ╀            | -               | $\vdash$        | 4        |          |
| <b> </b>     | 29       | _            | $\vdash$       | _ | ⊢              | +            | +       | +       | +       | +       | -           | <u> </u>                  | 79       |          | <del>  -  </del> |          | -        | $\dashv$ | +       |         | $\vdash \vdash$ |      |       | 129      |          | +       | +-      | ┼-           | $\vdash$        |                 |          |          |
| ├            | 30       | _            | Н              |   | ⊢              | ╀            | +       | +       | +       | +       | - ∷:        | <u> </u>                  | 80       |          | -                | -        |          |          | -       |         | Н               |      |       | 130      | -        | +       | ╀       | ┼            | $\vdash$        | $\vdash$        | +        | -        |
| <b>├</b>     | 31       |              | $\vdash$       |   | ├              | ╄            | +       | +       | +       | +       | -1:::       | <u> </u>                  | 81       |          | $\vdash$         | -        | -        |          | +       | -       |                 |      |       | 131      |          | +       | ╀       | ╀            |                 | $\vdash$        | +        | -        |
| ┝            | 32       | -            | Н              |   | <del> </del> — | +            | +-      | +-      | +       | +       | -∤∷         | ⊢                         | 82       |          | ₽                | -        | -        |          | -       | -       | $\vdash$        |      |       | 132      | $\dashv$ | +       | ╀       | ╀            |                 | $\vdash$        | +        | -        |
| <u> </u>     | 33       | $\vdash$     | $\vdash\vdash$ |   | ⊢              | ╀            | +-      | +       | +       | +       | -           | $\vdash$                  | 83       |          | ╀                | -        | -        | +        | +       | +       | $\vdash \vdash$ |      |       | 133      | +        | +       | +       | +            | $\vdash \vdash$ | $\vdash \vdash$ | $\dashv$ | $\dashv$ |
| <del> </del> | 34<br>35 | $\vdash$     | Н              |   | $\vdash$       | +            | +       | +       | +       | +       | ⊣∷          | $\vdash$                  | 84<br>85 |          | $\vdash$         | $\dashv$ | $\dashv$ | +        | +       | +       | Н               |      |       | 134      | +        | +       | +       | ╁            | $\vdash$        | $\vdash \vdash$ | +        | $\dashv$ |
|              | 36       | $\vdash$     | Н              |   | $\vdash$       | +            | +       | +       | +       | +       | 4::         | $\vdash$                  | 86       |          | $\vdash$         | $\dashv$ | $\dashv$ | +        | +       | +.      | $\vdash \vdash$ | ::   |       | 136      | $\dashv$ | +       | +-      | +            |                 | $\vdash$        | $\dashv$ | $\dashv$ |
|              | 37       | ├            | Н              |   | ┝              | +            | +       | +       | +       | +       | - ∷         | $\vdash$                  | 87       |          | $\vdash$         | $\dashv$ | $\dashv$ | $\dashv$ | +       | +       | $\vdash \vdash$ |      |       | 137      | +        | +       | ╀       | $\vdash$     | $\vdash$        | $\dashv$        | $\dashv$ | $\dashv$ |
|              | 38       | <del> </del> | Н              |   | $\vdash$       | +            | +       | +       | +       | +       | -100        | $\vdash$                  | 88       |          | $\vdash$         | -        | $\dashv$ | +        | +       | +       | $\vdash \vdash$ |      |       | 137      | +        | +       | ╁       | +            | $\vdash\vdash$  | $\vdash$        | -+       | $\dashv$ |
|              | 39       | ├            | Н              |   | $\vdash$       | +            | +       | +       | +       | +       | -           | $\vdash$                  | 89       |          | ++               | $\dashv$ | $\dashv$ | $\dashv$ | +       | +       | $\vdash$        |      |       | 139      | +        | +       | +-      | +            | $\vdash\vdash$  | $\vdash$        | $\dashv$ | $\dashv$ |
|              | 40       | -            | H              |   | -              | ╁            | +       | +       | +       | +       | $\dashv$    | <del> </del>              | 90       |          | +                | -        | -        | +        | +       | +-      | $\vdash \vdash$ |      |       | 140      |          | +       | ╁       | ╁╌           | $\vdash$        | $\vdash \vdash$ | +        | $\dashv$ |
| <del></del>  | 41       | $\vdash$     | Н              |   | $\vdash$       | +            | +       | +       | +       | +       | ⊣∷          | -                         | 91       |          | +                |          | $\dashv$ | +        | +       | +       | $\vdash$        |      |       | 141      | +        | +       | +       | ╁            | H               | $\vdash \vdash$ | $\dashv$ | $\dashv$ |
| -            | 42       | $\vdash$     | Н              |   | $\vdash$       | +-           | +       | +       | +       | +       | Ⅎ∷          | $\vdash$                  | 92       | , —      | ╁╌┤              | -        | $\dashv$ | +        | +       | +       | $\vdash\vdash$  |      |       | 142      | +        | +       | +       | +-           | $\vdash$        | $\vdash$        | $\dashv$ | $\dashv$ |
| $\vdash$     | 43       | $\vdash$     | $\vdash$       | - | ╁              | ┿            | +       | +       | +       | +       | 10          | $\vdash$                  | 93       |          | +-               |          | -        | $\dashv$ | +       | +       | $\vdash$        |      |       | 143      | +        | +       | +       | ┿            | $\vdash$        | $\vdash$        | +        | $\dashv$ |
| <b>—</b>     | 43       | $\vdash$     | Н              |   | ╁              | 十            | +       | +       | +       | +       | - ∷         | <b>-</b>                  | 94       |          | $\vdash$         |          | -        | +        | +       | +       | $\vdash$        |      |       | 144      | +        | +       | +       | ╁╌           | Н               | $\vdash$        | $\dashv$ | $\dashv$ |
| -            | 45       | $\vdash$     | Н              |   | $\vdash$       | +            | +       | +       | +       | +       | ⊣∷          | $\vdash$                  | 95       |          | +                | $\dashv$ | -        | +        | +       | +       | $\dashv$        |      |       | 145      | +        | +-      | +       | +            | $\vdash$        | $\vdash$        | $\dashv$ | $\dashv$ |
|              | 46       | $\vdash$     | Н              |   | $\vdash$       | +            | +       | +       | +       | +       | -∤∷         | $\vdash$                  | 96       |          | +                | $\dashv$ | -        | $\dashv$ | +       | -       | $\vdash$        |      |       | 146      | +        | ╁       | +       | +            | $\vdash$        | $\vdash$        | +        | $\dashv$ |
| <u> </u>     | 47       | $\vdash$     | Н              |   | $\vdash$       | +            | +       | +       | +       | +       | ⊣∷          | $\vdash$                  | 97       |          | ++               | -        | +        | -+       | +       | +       | $\vdash$        |      |       | 147      | +        | +       | +-      | $\vdash$     |                 | $\vdash$        | $\dashv$ | $\dashv$ |
| <u> </u>     | 48       | $\vdash$     | $\vdash$       |   | $\vdash$       | +            | +       | +       | +       | +       | ⊣∷          | $\vdash$                  | 98       |          | $\vdash$         | $\dashv$ | $\dashv$ | +        | +       | +       | $\vdash$        |      |       | 148      | +        | +       | +       | +            | $\vdash$        | $\vdash \vdash$ | $\dashv$ | $\dashv$ |
| 1            | 49       | ╁╾           | H              |   | $\vdash$       | +            | +       | +       | +       | +       | <b>∃</b> ∷  | $\vdash$                  | 99       |          | $\vdash$         | $\dashv$ | -+       | +        | +       |         | $\vdash$        |      |       | 149      | $\dashv$ | +       | +       | $\vdash$     | $\vdash$        | $\vdash$        | -+       | $\dashv$ |
|              | 50       | $\vdash$     | H              | - | $\vdash$       | +            | +       | +       | +       | +       | Ⅎ∷          | $\vdash$                  | 10       |          | $\vdash$         | $\dashv$ |          | $\dashv$ | +       |         | $\vdash$        |      |       | 150      | +        | +       | +       | +            | $\vdash$        | $\vdash \dashv$ | $\dashv$ | $\dashv$ |
|              |          | L            | 1              |   | 1              |              |         | 1       |         |         |             | <u> </u>                  | 110      | ~ I      | 1 1              | - 1      |          | - 1      | - 1     | - 1     |                 |      | l     | 100      |          |         |         | 1            | ı I             | , 1             | - 1      |          |